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Stephen T. Murphy 42,917  
Name of Agent Registration No.  
*[Signature]*  
Signature of Agent

Case 7494CC

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In the Application of: :  
**KENNETH S. MCGUIRE, ET AL.** :  
Serial No.: 10/043,451 : Group Art Unit: 1732  
Filed: January 10, 2002 : Examiner:  
Confirmation No.: 7336 :

For: High Speed Embossing and Adhesive Printing Process and Apparatus  
INFORMATION DISCLOSURE STATEMENT

Assistant Commissioner For Patents  
Washington, D.C. 20231

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Dear Sir:

Pursuant to 37 C.F.R. §§ 1.56, 1.97 and 1.98, record is being made below in a Form PTO-1449 of documents which the Patent Office may wish to consider in connection with examination of the above-identified patent application. It is respectfully requested that the cited documents be carefully considered by the Examiner and made of record in this case. As provided in §1.97(g), no representation is made or intended that a thorough art search was made. As provided in 37 C.F.R. §1.97(h), this Information Disclosure Statement does not constitute an admission of any kind, and specifically is not an admission that the documents listed on attached form PTO-1449 are, or are considered to be, material to the patentability of the above-identified patent application, as defined in 37 C.F.R. §1.56(b).

1. ☒ 37 C.F.R. §1.97 (b)(1) - U.S. Direct (within 3-months of filing a regular application or converted provisional)

This information disclosure statement, submitted under 37 C.F.R. §1.97 (b)(1), is being filed within three months of the filing date of a national application. Therefore, no fee is believed to be due.

2. ☐ 37 C.F.R. §1.97 (b)(2) - Via PCT (within 3 mo. of Nat'l Stage Entry)

This information disclosure statement, submitted under 37 C.F.R. §1.97 (b)(2), is being filed within three months of the date of entry of the national stage as set forth in 37 C.F.R. §1.491 in an international application. Therefore, no fee is believed to be due.

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3. ☐ 37 C.F.R. §1.97 (b)(3) - (>3 mo. after filing direct r nat'l stage entry, but before 1<sup>st</sup> O.A.)

This information disclosure statement is being submitted under 37 C.F.R. §1.97 (b)(3). Applicants have not received an Office Action on the merits in the present application. Therefore, no fee is believed to be due. However, in the event that this paper is crossing in the mail with a first Office Action on the merits, authorization is hereby given to charge the required fee pursuant to 37 C.F.R. §1.97(c) and 37 C.F.R. §1.17(p) to Deposit Account No. 16-2480 in the name of The Procter & Gamble Company. A duplicate of this letter is enclosed to facilitate charging of the fee, if necessary.

**THE FOLLOWING IS ADDITIONAL INFORMATION PERTAINING TO (2) OR (3) MARKED WITH AN (X) ABOVE.**

(a) ☐ The Notification of Acceptance of this Application Under 35 U.S.C. §371 indicates that both a copy of the International Search Report and copies of the references cited therein are present in the national stage file. In accordance with MPEP §1893.03(g), it is respectfully requested that the Examiner note the consideration of these references in the first Office Action via the PTO-892 form.

(b) ☐ The Notification of Acceptance of this Application Under 35 U.S.C. §371 indicates that a copy of the International Search Report is present in the national stage file. Copies of the references cited in that report are enclosed.

(c) ☐ The Notification of Acceptance of this Application Under 35 U.S.C. §371 does not indicate that a copy of the International Search Report and copies of the references cited are present in the national stage file. Copies of the International Search Report and references are attached.

4. ☐ 37 C.F.R. §1.97 (b)(4) - (before the mailing of a first Office Action after the filing of a request for continued examination under §1.114)

This information disclosure statement, submitted under 37 C.F.R. §1.97(b)(4), is being filed with the Request for Continued Examination (RCE) under 37 C.F.R. §1.114.

5. ☐ Information to be Considered with CPA Filing. This information disclosure statement is being filed with a Continued Prosecution Application (CPA) filed under 37 CFR 1.53(d).

6. ☐ 37 C.F.R. §1.97(c) with fee payment - (use after 1<sup>st</sup> Office Action & before Final Office Action or Notice of Allowance)

This information disclosure statement is being submitted under 37 C.F.R. §1.97(c). Applicant(s) have not received a final action under 37 C.F.R. §1.113, a notice of allowance under 37 C.F.R. §1.311, or an action that otherwise closes prosecution in the application (e.g., *Ex parte Quayle*) as of the date of this submission. Applicant(s) elect to pay the fee set forth in 37 C.F.R. §1.17(p). Please charge the fee set forth in 37 C.F.R. §1.17(p) to Deposit Account Number 16-2480 in the name of The Procter & Gamble Company. A duplicate copy of this letter is enclosed to facilitate the charging of the fee.

**ADDITIONAL ITEMS TO BE NOTED BY THE EXAMINER:**

☒ (1) Copies of the cited references were previously cited by or submitted to the USPTO in prior application Case No. 7494C, U.S. Patent Application Serial No. 09/758,753, filed January 11, 2001 and in prior application Case No. 7494, U.S. Patent Application Serial No. 09/289,222, filed April 9, 1999. Applicants claim priority to said application under 35 U.S.C. §120. Accordingly, copies of those documents are not provided with this Statement, pursuant to 37 C.F.R. §1.98(d).

OR

☐ (2) Copies of the cited documents are enclosed.

OR

☐ (3) Copies of all said documents, except document No.'s \_\_\_\_\_, were submitted and considered in parent application U.S. Patent Application Serial No. \_\_\_\_\_, filed \_\_\_\_\_. Applicant(s) claim priority to said application under 35 U.S.C. §120. Accordingly, copies of document No.'s \_\_\_\_\_ are not provided with this Statement, pursuant to 37 C.F.R. §1.98(d). Copies of document No.'s \_\_\_\_\_ are enclosed. It is respectfully requested that the cited documents be carefully considered by the Examiner and made of record in this case.

☐ (4) Pursuant to 37 C.F.R. §1.98(c), a concise explanation of the relevance of each cited reference that is not in the English language is provided.

☐ Additional information is attached.

Respectfully submitted,

**FOR: KENNETH S. MCGUIRE, ET AL.**

BY: 

Stephen T. Murphy  
Agent for Applicant(s)  
Registration No. 42,917  
(513) 634-4268

March 18, 2002  
Customer #27752

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<p>Substitute for form 1449A/PTO</p> <p><b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b></p> <p>(use as many sheets as necessary)</p> <p>SHEET 1 of 5</p>	<b>COMPLETE IF KNOWN</b>	
	Application Number	10/043,451
	Confirmation Number	7336
	Filing Date	January 10, 2002
	First Named Inventor	Kenneth S. McGuire, et al.
	Group Art Unit	1732
	Examiner Name	
	Attorney Docket Number	7494CC

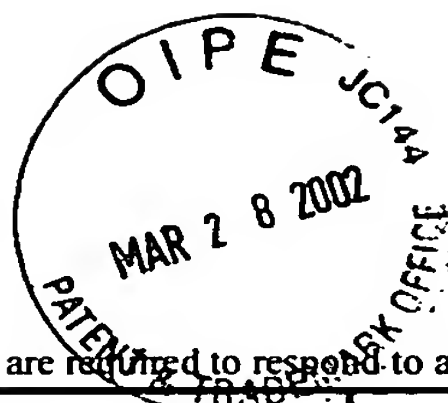
### U. S. PATENT DOCUMENTS

EXAMINER INITIALS*	Cite No. <sup>1</sup>	U.S. PATENT DOCUMENT Number	Kind Code <sup>2</sup> (if known)	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear
		D-331,665		Underhill	12/15/92	
		D-373,026		Delebreau et al.	8/27/96	
		D-381,810		Schultz et al.	8/5/97	
		680,533		Marinier et al.	8/13/1901	
		690,822		Avril	1/7/1902	
		1,358,891		Steedman	11/16/20	
		1,454,364		Winchenbaugh et al.	5/8/23	
		2,054,313		Bright	9/15/36	
		2,338,749		Wilbur	1/11/44	
		2,681,612		Reimann	6/22/54	
		2,838,416		Babiarz et al.	6/10/58	
		2,855,844		Stewart	10/14/58	
		2,861,006		Salditt	11/18/58	
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		3,312,005		McElroy	4/4/67	
		3,386,846		Lones	6/4/68	
		3,484,835		Trounstone et al.	12/16/69	
		3,554,835		Morgan	1/12/71	
		3,573,136		Gardner	3/30/71	
		3,585,101		Stratton et al.	6/15/71	
		3,592,722		Morgan	7/13/71	
		3,708,366		Donnelly	1/2/73	
		3,850,095		Snyder	11/26/74	
		3,853,129		Kozak	12/10/74	
		3,867,225		Nystrand	2/18/75	
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		4,023,570		Chinai et al.	5/17/77	
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		4,061,820		Magid et al.	12/6/77	
		4,067,337		Ness	1/10/78	
		4,133,152		Penrose	1/9/79	
		4,181,752		Martens et al.	1/1/80	
		4,273,889		Yamazaki et al.	6/16/81	
		4,303,485		Levens	2/1/81	
		4,325,768		Schulz	4/20/82	
		4,336,804		Roeder	6/29/82	
		4,337,772		Roeder	7/6/82	
		4,339,088		Niedermeyer	7/13/82	
		4,342,314		Radel et al.	8/3/82	

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# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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SHEET

2 of 5

## COMPLETE IF KNOWN

Application Number	10/043,451
Confirmation Number	7336
Filing Date	January 10, 2002
First Named Inventor	Kenneth S. McGuire, et al.
Group Art Unit	1732
Examiner Name	
Attorney Docket Number	7494CC

## U. S. PATENT DOCUMENTS

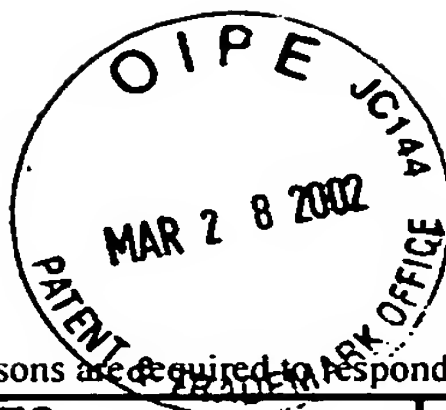
EXAMINER INITIALS*	Cite No. <sup>1</sup>	U.S. PATENT DOCUMENT Number	Kind Code <sup>2</sup> (if known)	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear
		4,376,147		Byrne et al.	3/8/83	
		4,376,440		Whitehead et al.	3/15/83	
		4,392,897		Herrington	7/12/83	
		4,397,905		Dettmer et al.	8/9/83	
		4,404,242		Squier	9/13/83	
		4,405,666		Squier	9/20/83	
		4,410,130		Herrington	10/18/83	
		4,413,109		Haas	11/1/83	
		4,460,634		Hasegawa	7/17/84	
		4,508,256		Radel et al.	4/2/85	
		4,509,908		Mullane, Jr.	4/9/85	
		4,514,345		Johnson et al.	4/30/85	
		4,519,095		Clayton	5/21/85	
		4,546,029		Cancio et al.	10/8/85	
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		4,543,142		Kuepper et al.	9/24/85	
		4,556,595		Ochi	12/3/85	
		4,576,850		Martens	3/18/86	
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		4,655,761		Grube et al.	4/7/87	
		4,659,608		Schulz	4/21/87	
		4,695,422		Curro et al.	9/22/87	
		4,699,622		Toussant et al.	10/13/87	
		4,743,242		Grube et al.	5/10/88	
		4,778,644		Curro et al.	10/18/88	
		4,803,032		Schulz	2/7/89	
		4,820,589		Dobreski et al.	4/11/89	
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		4,959,265		Wood et al.	9/25/90	
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		5,112,674		German et al.	5/12/92	
		5,116,677		Jones	5/26/92	
		5,141,790		Calhoun et al.	8/25/92	
		5,165,982		Gubitz et al.	11/24/92	
		5,175,049		Huff et al.	12/29/92	
		5,176,939		Shepherd	1/5/93	
		5,208,096		Dohrer	5/4/93	
		5,215,617		Grupe	6/1/93	
		5,215,804		Hagens et al.	6/1/93	
		5,221,276		Battrell	6/22/93	
		5,245,025		Trokhan et al.	9/14/93	

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	Application Number	10/043,451
	Confirmation Number	7336
	Filing Date	January 10, 2002
	First Named Inventor	Kenneth S. McGuire, et al.
	Group Art Unit	1732
	Examiner Name	
	Attorney Docket Number	7494CC

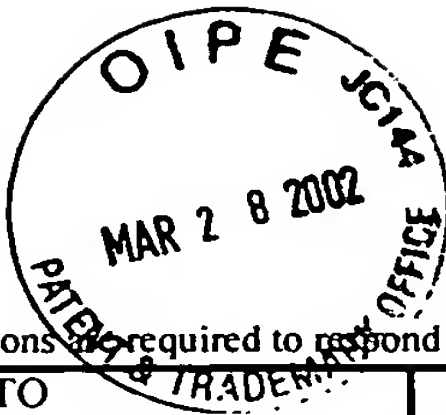
### U. S. PATENT DOCUMENTS

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		5,246,762		Nakamura	9/21/93	
		5,269,776		Lancaster et al.	12/14/93	
		5,273,805		Calhoun et al.	12/28/93	
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		5,275,588		Matsumoto et al.	1/4/94	
		5,296,277		Wilson et al.	3/22/94	
		5,300,347		Underhill et al.	4/5/94	
		5,310,587		Akahori et al.	5/10/94	
		5,324,279		Lancaster et al.	6/28/94	
		5,334,428		Dobreski et al.	8/2/94	
		5,339,730		Ruppel et al.	8/23/94	
		5,342,344		Lancaster et al.	8/30/94	
		5,344,693		Sanders	9/6/94	
		5,382,464		Ruppel et al.	1/17/95	
		5,436,057		Schulz	7/25/95	
		5,453,296		Lauritzen et al.	9/26/95	
		5,458,938		Nygard et al.	10/17/95	
		5,487,929		Rusincovitch, Jr. et al.	1/30/96	
		5,514,122		Morris et al.	5/7/96	
		5,518,801		Chappell et al.	5/21/96	
		5,527,112		Dais et al.	6/18/96	
		5,575,747		Dais et al.	11/19/96	
		5,585,178		Calhoun et al.	12/17/96	
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		5,597,639		Schulz	1/28/97	
		5,622,106		Rayner	4/22/97	
		5,662,758		Hamilton et al.	9/2/97	
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		5,736,223		Laurent	4/7/98	
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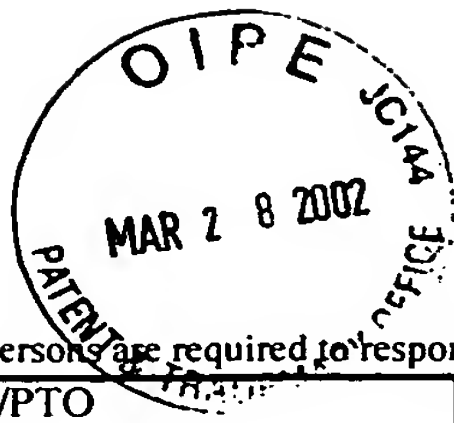
### FOREIGN PATENT DOCUMENTS

EXAMINER INITIALS*	Cite No. <sup>1</sup>	FOREIGN PATENT DOCUMENT Office <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		BE 570,960	C. K. Billed	9/30/58		
		GB 975,783	T. A. Clayton	11/18/64		
		GB 1,069,445	Marks & Clerk	5/17/67		
		EPO 0,037,101 A1	George Schwinn	10/7/81		
		EPO 0,621,082 A1	McNeil PPC Inc.	10/26/94		
		EPO 0,623,332 A1	McNeil PPC Inc.	11/9/94		
		FR 1,315,903	Rene Orsini	12/17/62		
		FR 1,429,312	Societe Poval	1/17/66		
		WO 92/00187	Robert L. Harder	1/9/92		
		WO 95/11945	Minnesota Mining & Manufacturing Co.	5/4/95		
		WO 95/31225	Minnesota Mining & Manufacturing Co.	11/23/95		
		WO 96/31652	James River Corp. of Virginia	10/10/96		
		WO 97/18276	Minnesota Mining & Manufacturing Co.	5/22/97		

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	Examiner Name			
	Attorney Docket Number		7494CC	

### OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

EXAMINER INITIALS*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T <sup>6</sup>
		Translation of Japan 3-002,292 (January 8, 1991).	
		Abstract of Japan 7-246,216 (September 26, 1995).	
		Abstract of Japan 2-303822 (December 17, 1990).	
		Abstract of Japan 7-266526 (October 17, 1995).	
		Martin Gardner- "Penrose Tiles to Trapdoor Ciphers", Chapter 1 Penrose Tiling, pgs. 1-18; (Pub. Mathematical Assn. Of America - (1997).	
		Broughton, J., et al., "Porous Cellular Ceramic Membranes: A Stochastic Model To Describe the Structure of an Anodic Oxide Membrane", Journal of Membrane Science 106, pp. 89-101 (1995)	
		Lim, J.H.F., et al., "Statistical Models to Describe the Structure of Porous Ceramic Membranes", Separation Science and Technology, 28 (1-3), pp. 821-854 (1993).	
		Watson, D.F., "Computing the n-dimensional Delaunay Tessellation with Application to Voronoi Polytopes", The Computer Journal, Vol 24, No 2, pp. 167-172 (1981)	

EXAMINER	DATE CONSIDERED
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EXAMINER: Initial if reference considered, whether or not citation is in conformance with M.P.E.P. 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup>Unique citation designation number. <sup>2</sup>See attached Kinds of U.S. Patent Documents. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup>For Japanese documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language Translation is attached.

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